

DSC-H2

Cyber-shot® Digital Still Camera

▲ Step-up



The Sony that Brings Distant Subjects Closer. The Cyber-shot® DSC-H2 features Carl Zeiss® 12X Optical zoom and Super SteadyShot® Optical Image Stabilization for amazing closeups of sports and outdoor activities. 6.0 megapixels allow big prints, High Sensitivity Mode (ISO 1000) improves low-light shooting, manual focus/exposure gives you more creative options.

▲◆ 6.0 Megapixel Super HAD™ CCD

Higher megapixels gives you more detail and definition for large prints and cropping in on your subject. Sony's advanced Super HAD (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.

▲◆ Carl Zeiss® 12X Optical/2X Digital Zoom/24X Total Zoom

12X Optical Zoom helps the DSC-H2 bring distant subjects closer and lets you frame shots for better composition; Sony's precision 2X Digital Zoom provides an additional 2X magnification to zoom in close without jagged edges.

▲◆ 52X Smart Zoom™ Feature⁴

Sony's Smart Zoom feature lets you magnify your subject beyond the 12x optical zoom - to 16x (3MP), 20x (2MP), even 52x (VGA). By intelligently cropping into the central portion of the scene, it avoids the image distortion of other digital zooms.

■ Super SteadyShot® Optical Image Stabilization

Super SteadyShot® Optical Image Stabilization fights motion blur, even during longer exposures at full zoom.

■ Flexible Exposure Modes

Choose Auto or Program Auto for convenience, or get creative with Aperture Priority or Shutter Priority modes. Manual Exposure Mode provides extended control with 46-step adjustable Shutter speed (30 - 1/1000 sec.), and Aperture control (F2.8 - F8.0).

■ Large 2.0"¹ LCD Screen

The DSC-H2 has a bright 2.0" LCD screen for setting up and viewing images -- with a one touch "Play" button that makes it quick and easy to view your photos.

◆ Simple Controls, Function Guide

User-friendly controls and simple on-screen Function Guide text/icon display help you set up camera functions -- and you'll have greater creative freedom to adjust color mode (including "Natural" for subtle colors and "Rich" for more intense colors), sensitivity, brightness and image size.

◆ High Sensitivity Mode

A new High Sensitivity Mode (ISO 1000) allows you to shoot with great results in low-light conditions -- and Sony's original Clear RAW NR™ (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-sensitivity shooting.

■ Stamina® Battery Power

With its powerful Nickel Metal Hydride (NiMH) rechargeable batteries, the DSC-H2 can capture up to 400³ images per charge -- enough for a week of shooting. The compact BC-CS2 Battery Charger is also supplied for battery recharging on the go.

■ Capture Images In-Camera

With 32 MB² Internal Memory, the DSC-H2 allows you to shoot without a flash memory card -- then transfer your images to optional Memory Stick™ Duo media, upload to your computer or make prints on your digital printer.

■ Memory Stick Duo™ Media

The DSC-H2 has a built-in slot for optional Memory Stick Duo™ or higher-capacity Memory Stick PRO Duo™ media -- the ultra compact media for shooting, storing and sharing your photo images.



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Specifications

General

Megapixel: 6.0 MP
 Imaging Device: 1/2.5" Super HAD™ CCD
 Recording Media: 32MB² Internal Flash Memory,
 optional Memory Stick Duo™ Media, optional
 Memory Stick PRO Duo™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight,
 Fluorescent, Incandescent, Flash, Manual
 Self Timer: Yes (10 seconds, 2 seconds, Off)
 Memory Stick PRO™ Media Compatibility: Tested
 to support up to 2GB Memory Stick PRO Duo™
 media capacity; does not support Access
 Control security function.
 Still Image Mode(s): JPEG (Fine/Standard), Burst,
 Multi-Burst, Exposure Bracketing
 Red-Eye Reduction: Yes (On/Off all modes)
 Burst Mode: 7 Shots at 1.3 fps (6MP JPEG fine), 100
 Shots VGA at 1.4 fps (JPEG std.)
 Erase/Protect: Yes/Yes
 Date/Time Stamp: No/ No
 Media/Battery Indicator: Yes/Yes
 Color Mode(s): Black & White, Natural, Vivid,
 Sepia
 Scene Mode(s): Twilight, Twilight Portrait, Portrait,
 Landscape, Beach, High-speed shutter, High
 Sensitivity
 Image Stabilization: N/A

Convenience Features

Real Imaging Processor™ Technology: Yes
 AF Illuminator Light: Yes
 PictBridge Compatible: Yes
 Multi-Pattern Measuring: Yes, 49-segment
 Clear RAW NR: Yes
 Movie Mode(s): MPEG VX Fine with Audio
 (640x480 at 30fps) (MPEG VX Fine requires
 Memory Stick DUO PRO™ media), MPEG VX
 Standard with Audio (640x480 at 16fps), Video
 Mail with Audio (160x112 at 8fps).
 Power Save Mode: Yes (after approx. 3 min. of
 inactivity)

Inputs and Outputs

Accessory Terminal: N/A
 Audio/Video Output(s): Yes
 USB Port(s): Yes (Supports USB 2.0⁵)

Hardware

LCD: 2.0"¹ (115K Pixels TFT LCD Screen)
 Viewfinder: 0.2" 201k LCD, TTL EVF
 Lens Construction: 11 Elements in 9 Groups, 1
 Aspheric Elements
 Microphone/Speaker: Yes/ Yes
 Lens Type: Carl Zeiss® Vario-Tessar®
 Docking Station: N/A

Optics/Lens

Focal Length: 6 - 72 mm
 35mm Equivalent: 36 - 432 mm
 Focus: 3 Area Multi-Point AF, Center AF, Flexible
 Spot AF, Manual
 Focal Distance: 13/16" (2 cm) (W), 19-
 3/4" (50cm) (T)
 Aperture Range: f2.8-8.0 (W), f3.7-8.0 (T), 10-step
 f2.8-8.0 (Aperture Priority, Manual)
 Shutter Speed: 1/4 - 1/2000 sec. (Auto), 1 - 1/2000
 sec. (Program Auto), 46-step 30 sec - 1/1000
 sec. (Shutter Priority, Manual)
 Exposure Compensation: ±2.0 EV, 1/3 EV Step
 Increments
 Filter Diameter: 58mm (with supplied Adapter
 Ring)
 Smart Zoom® Technology: Up to 16X (3MP), 20X
 (2MP), 52X (VGA Resolution)⁴

Digital Zoom: 0-2.0X (Precision)

Optical Zoom: 12X

Macro Mode: Yes

Total Zoom: 24X

Minimum Focus Distance: 19.7" (50cm) Normal,
 0.74" (2cm) Macro

Control

ISO: Auto, 80, 100, 200, 400, 800, 1000

Power

Battery Type: AA Nickel Metal-Hydride x2

Battery Capacity: 1.2V, 2100 mAh

Software

Supplied Software: Cyber-shot® Viewer Vers 1.0 +
 USB Driver, (Windows®)Operating System Compatibility: Microsoft®
 2000 Professional, Me, XP Home and
 Professional; Macintosh® OS 9.1/9.2/OS X
 (10.0-10.4)

Operating Conditions

Flash Effective Range: ISO Auto: 1' to 29' 3" (0.3-
 9.0m) (W), ISO 1000: 2' 11" to 52' (0.9-16m) (W)Flash Mode(s): Auto, Forced On, Forced Off, Slow
 Sync, Daylight Fill

Dimensions

Weight: 14.2 oz (389 g) Body; 1 lb, 3.7 oz. (537 g)
 including Battery and optional Memory Stick™
 DUO MediaMeasurements: 4 7/16" x 3 1/4" x 3 11/16" (113.2 x
 83 x 94 mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NH-AA-2DB rechargeable NiMH AA batteries

BC-CS2 battery charger

Lens hood with adaptor ring

Lens cap with strap

A/V and USB cables

Shoulder strap

Software CD-ROM

Note: No Memory Stick Duo™ media or adaptors
 are included.

Optional Accessories

Rechargeable NiMH Batteries (2pk) (NH-AA-2DB)

Soft Carrying Case (LCS-HA)

Soft Carrying Case (LCJ-HC)

Wide Angle Conversion Lens (VCL-DH0758)

Telephoto Conversion Lens (VCL-DH1758)

Close-up Conversion Lens (VCL-M3358)

Polarizing Filter Kit (VF-58CPKS)

Neutral Density Filter Kit (VF-58M)

Ring Light (HVL-RLA)

Lightweight Tripod (VCT-1500L)

Memory Stick Duo PRO™ (MSX-M256S)

Memory Stick Duo PRO™ (MSX-M512S)

Memory Stick Duo PRO™ (MSX-M1GST)

Memory Stick Duo PRO™ (MSX-M2GS)

Memory Stick Duo USB Adptr (MSAC-US40)

Color: Silver

UPC Code: 27242679504

1: Viewable area, measured diagonally

2: A portion of the memory is used for data management purposes;
 approx. 30 MB will be available for image recording.3: Under average conditions; when fully charged, actual results may vary
 based on camera settings and conditions of use.

4: Smart Zoom® feature will not work at highest resolution setting.

5: Not all products with USB connectors may communicate with each
 other due to chip-set variations.Sony, Cyber-shot, Handycam, Memory Stick, Memory Stick PRO,
 Memory Stick PRO Duo, Super HAD, Clear RAW, Smart Zoom, Stamina,
 Trinitron and Walkman are trademarks of Sony. All other trademarks are
 trademarks of their respective owners.

JPEG STILL IMAGE MODE							
Fine/Standard Picture Quality							
Memory Stick Duo™ Media ³	2816x2112 6MP	2816x1872 6MP (3:2)	2048x1536 3MP	1920x1080 2MP (16:9)	1632x1224 2MP	640x480 VGA	
32MB	10/19	10/19	20/37	33/61	33/61	196/3571	
64MB	21/39	21/39	41/74	66/123	66/123	394/985	
128MB	42/79	42/79	82/149	133/246	133/246	790/1975	
Memory Stick PRO™ Duo Media ¹							
256MB	77/142	77/142	148/264	238/446	238/446	1428/3571	
512MB	157/290	157/290	303/537	484/907	484/907	2904/7261	
1GB	322/592	322/592	617/1097	988/1852	988/1852	5928/14821	
2GB	660/1215	660/1215	1266/2250	2025/3798	2025/3798	12154/30385	
Internal Memory							
32MB	10/19	10/19	20/37	33/61	33/61	196/491	

MPEG MOVIE MODE			
Maximum Recording Time			
Memory Stick Duo™ Media ³	MPEG VX (640x480) Fine	MPEG VX (640x480) Standard	Video Mail (160x112)
32MB	—	1m 27s	22m 42s
64MB	—	2m 56s	5m 54s
128MB	—	5m 54s	1h 31m 33s
Memory Stick PRO Duo™ Media ¹			
256MB	2m 57s	10m 42s	2h 51m 21s
512MB	6m 02s	21m 47s	5h 47m 05s
1GB	12m 20s	44m 27s	11h 44m 22s
2GB	25m 18s	1h 31m 09s	24h 18m 25s
Internal Memory			
32MB	—	1m 20s	22m 40s

Please visit the Dealer Network for more
 information at www.sony.com/dn